

A CULTURAL RESOURCES RECORDS REVIEW FOR THE HENDERSON COUNTY, KENTUCKY RIVERPORT

by

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ABSTRACT

Between February 18 and 23, 2015, Cultural Resource Analysts, Inc., personnel completed a cultural resources records review for the Henderson County, Kentucky Riverport in Henderson County, Kentucky, in advance of possible future development. The records review was conducted at the request of the Henderson County, Kentucky Riverport. The Riverport property is located along the Ohio River just south of Deadmans and Henderson Islands, approximately 4.8 km (3.0 mi) southwest of Henderson, Kentucky. The property totals approximately 243.6 ha (601.8 acres).

A records review was conducted at the Kentucky Heritage Council and the Office of State Archaeology. The review indicated that portions of the property had been previously surveyed, and one site (15He972) was recorded within the property limits. Site 15He972 is a small historic artifact scatter dating from the late nineteenth to early twentieth centuries that is not eligible for the National Register of Historic Places. The Kentucky Heritage Council review indicated that there were no previously reported historic architectural resources in the immediate vicinity of the property; however, no previously reported historic architectural resource surveys overlap the property. If any future developments should qualify as a federal undertaking subject to Section 106 review, a cultural resource survey would be required to assess potential direct and indirect effects to cultural resources that are eligible for listing in the National Register of Historic Places, should there be any.

TABLE OF CONTENTS

ABSTRACT.....	i
LIST OF FIGURES	iii
LIST OF TABLES.....	iii
I. INTRODUCTION	1
II. RESULTS OF THE FILE AND RECORDS SEARCH	1
III. PREDICTIONS AND RECOMMENDATIONS.....	12
IV. SUMMARY AND CONCLUSIONS	17
REFERENCES CITED.....	18

LIST OF FIGURES

Figure 1. Map of Kentucky showing the location of Henderson County.....	1
Figure 2. Location of the property on the topographic quadrangle.....	2
Figure 3. Aerial imagery showing the locations of previous archaeological surveys within and adjacent to the Riverport property.	3
Figure 4: Topographic map depicting historic architectural resources within or near the Henderson Riverport property that appear on the 1959 topographic quadrangle.	13
Figure 5: Aerial map depicting historic architectural resources within or near the Henderson Riverport property that appear on the 1959 topographic quadrangle.	15

LIST OF TABLES

Table 1. Summary of archaeological sites located within a 2 km radius of the Riverport property.....	7
Table 2. Summary of previous archaeological investigations within a 2 km radius of the Riverport property.....	9
Table 3. Summary of Information for Previously Recorded Sites in Henderson County. Data Obtained from OSA and may Contain Coding Errors.....	11

I. INTRODUCTION

Between February 18 and 23, 2015, Cultural Resource Analysts, Inc. (CRA), personnel completed a cultural resources records review for the Henderson County, Kentucky Riverport (Figure 1). The records review was conducted at the request of the Henderson County, Kentucky Riverport. Office of State Archaeology (OSA) Geographic Information Systems (GIS) archaeological data requested by CRA on June 9, 2014, was returned on June 11, 2014. The OSA project registration number is FY14_8111. Kentucky Heritage Council (KHC) historic architectural data requested on July 9, 2014, was returned on July 11, 2014. The KHC project registration number is FY15_1858.

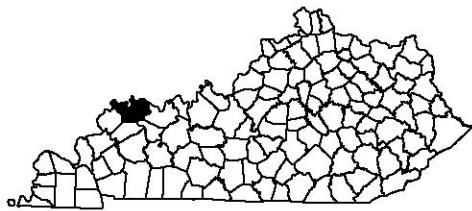


Figure 1. Map of Kentucky showing the location of Henderson County.

Purpose of Study

This review was conducted to determine what portions of the Riverport facilities had been previously surveyed for cultural resources, and to identify any previously reported cultural resources within the property limits. The results of this report are intended to assist with planning any future developments of the property.

The Henderson County, Kentucky Riverport is located along the Ohio River south of Deadmans and Henderson Islands (Figures 2 and 3). The property is located approximately 4.8 km (3.0 mi) southwest of Henderson, and encompassing the 226.1 ha (558.7 acre) Henderson Riverport Industrial Park, as well as a separate 17.5 ha (43.1 acre) tract to the east.

Within the 558.7-acre industrial park, vacant lots to the east and west appear to be agricultural fields, with one house and associated barns located in the western field. The center and northern portions of the property consist primarily of industrial facilities along Industrial Park Drive and Old Geneva Road, with a few small agricultural fields located along the Ohio River. Within the smaller 43.1-acre tract to the northeast, the land is predominately agricultural fields with some wooded area on the northeastern edge along the Ohio River (see Figure 3).

II. RESULTS OF THE FILE AND RECORDS SEARCH

Previous Research in Henderson County

A search of records maintained by the National Register of Historic Places (NRHP) (available online at: <http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>), the OSA (FY14_8111), and the KHC (FY15_1858) was conducted to: 1) determine if the property had been previously surveyed for archaeological or historic architectural resources; 2) identify any previously recorded archaeological sites or historic architectural resources that were situated within the property; 3) provide information concerning what archaeological and historic architectural resources could be expected within the property; and 4) provide a context for any archaeological or historic architectural resources identified within the property. A search of the NRHP records indicated that no archaeological sites or historic archaeological resources listed in the NRHP were situated within the property or within a 2.0 km (1.2 mi) radius.

To determine if there are previously recorded archaeological resources within the Riverport property, the OSA file search was conducted between June 9 and 11, 2014. The work at the OSA consisted of a review of professional archaeological survey reports and

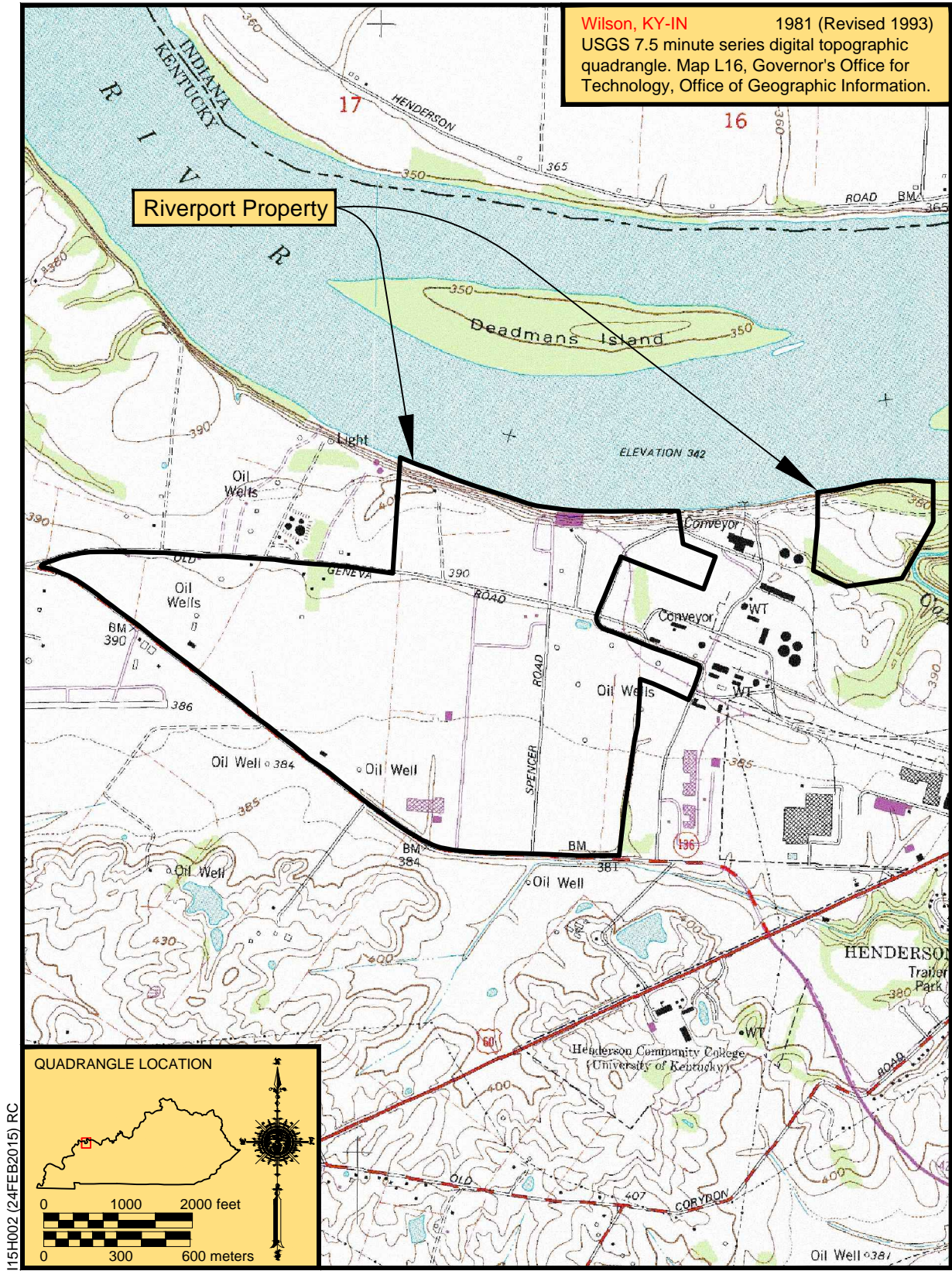


Figure 2. Location of the property on the topographic quadrangle.

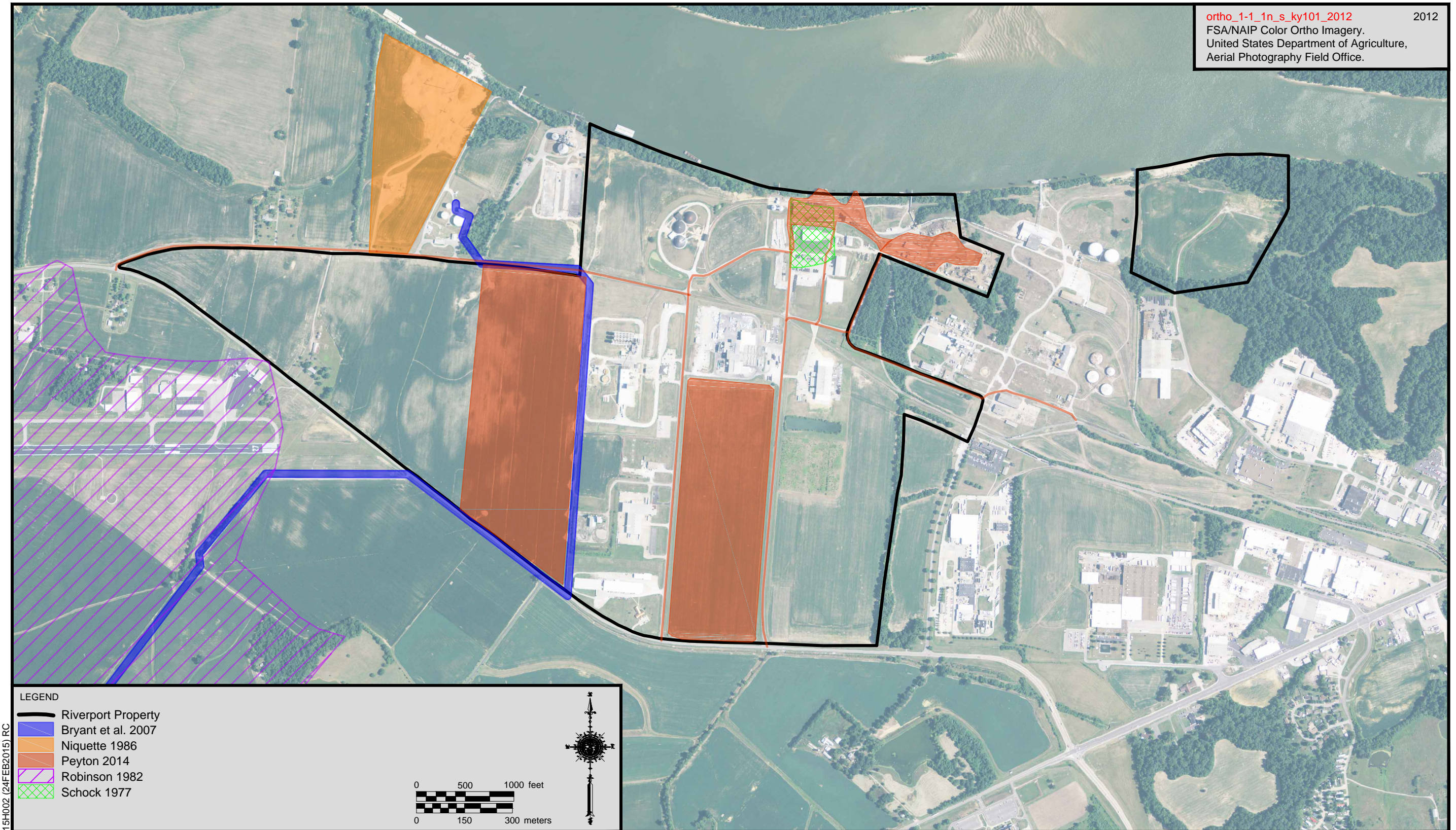


Figure 3. Aerial imagery showing the locations of previous archaeological surveys within and adjacent to the Riverport property.

records of archaeological sites for an area encompassing a 2 km radius of the property footprint. To further characterize the archaeological resources in the general area, the OSA archaeological site database for the county was reviewed and synthesized. The review of professional survey reports and archaeological site data in the county provided basic information on the types of archaeological resources that were likely to occur within the property and the landforms that were most likely to contain these resources.

To determine if there are previously recorded historic architectural resources within the Riverport property, the KHC file search was conducted between July 9 and 11, 2014. The results of the KHC file search are presented below in the Map Data and Historic Structures section of this report.

OSA records revealed that three previous professional archaeological surveys have been conducted within the Riverport property, and one site (15He972) has been recorded within this area (Bryant et al. 2007; Peyton in press; Schock 1977; see Figure 3; Tables 1 and 2). OSA records revealed that 14 previous professional archaeological surveys have been conducted within a 2 km radius of the property. Seventy-nine archaeological sites have been recorded in this area also (see Tables 1 and 2). Two of the 14 archaeological investigations were completed within the 2 km area, but have not yet been entered in the OSA GIS (Dickerson and Cupka Head 2014; Peyton in press).

The records search revealed that 51 of the 79 archaeological sites in the file search area are prehistoric open habitations without mounds, while 9 sites are prehistoric isolated finds, 4 sites are indeterminate prehistoric scatters, 13 sites are historic farms/residences, and 2 sites are historic cemeteries (see Table 1).

Previous Archaeological Investigations

In September of 1977, Jim Schock conducted an archaeological survey of a

proposed access road and wharf improvements along the Ohio River in Henderson County, Kentucky (Schock 1977; see Figure 3). The survey was conducted at the request of Henderson County, Kentucky Riverport. No archaeological sites were identified and no further work was recommended. Schock's survey was located in the northern portion of the 558.7 acre industrial park, along the Ohio River. Considering the age of Schock's report, it is recommended that this area be resurveyed if future development is planned.

Between April and June, 2007, Gray and Pape, Inc., conducted an archaeological survey of 22.0 km (13.7 mi) of a proposed new petroleum pipeline in southern Indiana and Henderson County, Kentucky (Bryant et al. 2007; see Figure 3). The survey was conducted at the request of Petersen Engineering, Inc. Field methods included intensive pedestrian survey supplemented with screened shovel testing. Deep testing was also conducted in some locations, in an effort to locate deeply buried archaeological deposits. One new archaeological site (12Po1272) in Posey County, Indiana, six new archaeological sites (15He913–918) in Henderson County, Kentucky, three previously recorded sites (15He117, 15He347, and 15He495), and four isolated finds were recorded as a result of this survey. All of these sites were either considered not eligible for NRHP listing, or their status was not assessed (Bryant et al. 2007). The pipeline was either re-routed or re-directed in order to avoid any sites whose NRHP eligibility could not be assessed, and no further work was recommended. A small portion of Gray and Pape's survey overlapped a portion of the 558.7 acre Riverport industrial park (see Figure 3), but none of the archaeological sites recorded during this survey are within the Riverport property. (Bryant et al. 2007).

Between July and September of 2014, Perennial Environmental Services, LLC (Perennial), and CRA personnel conducted an archaeological survey of 48.1 km (29.9 mi) of a proposed new section of pipeline in Henderson County, Kentucky (Peyton in press; see Figure 3). The survey was

Table 1. Summary of archaeological sites located within a 2 km radius of the Riverport property.

Site ID	Site Type	Cultural Affiliation
15He250	open habitation w/o mounds	unknown prehistoric
15He251	prehistoric isolated find	unknown prehistoric
15He252	prehistoric isolated find	unknown prehistoric
15He253	open habitation w/o mounds	unknown prehistoric
15He254	open habitation w/o mounds	unknown prehistoric
15He255	open habitation w/o mounds	Late Archaic
15He256	open habitation w/o mounds, historic farm/residence	Early Archaic, Middle Archaic, Late Archaic, Early Woodland, Middle Woodland, Late Woodland, unspecified historic
15He257	open habitation w/o mounds	Late Woodland
15He258	prehistoric isolated find	unknown prehistoric
15He259	historic farm/residence	1901-1950
15He260	prehistoric isolated find	Mississippian
15He261	prehistoric special activity area	unknown prehistoric
15He263	open habitation w/o mounds	Middle Woodland, Hopewell, 1901-1950
15He286	open habitation w/o mounds, historic farm/residence	Late Woodland, Mississippian, unspecified historic
15He287	open habitation w/o mounds	Early Woodland
15He289	open habitation w/o mounds	unknown prehistoric
15He290	open habitation w/o mounds, unspecified historic	unknown prehistoric, 1901-1950
15He291	open habitation w/o mounds, indeterminate historic	Late Archaic, Middle Woodland, unknown historic
15He292	open habitation w/o mounds	unknown prehistoric
15He293	historic farm/residence	1901-1950
15He294	open habitation w/o mounds	unknown prehistoric
15He295	open habitation w/o mounds	Late Archaic, Late Woodland, Mississippian
15He296	open habitation w/o mounds	Early Archaic, Middle Woodland
15He297	open habitation w/o mounds	Middle Woodland, Late Woodland, Mississippian
15He298	open habitation w/o mounds, historic farm/residence	Early Archaic, 1901-1950
15He299	open habitation w/o mounds	Late Archaic, Early Woodland
15He300	open habitation w/o mounds	unknown prehistoric
15He301	open habitation w/o mounds	unknown prehistoric
15He302	open habitation w/o mounds	unknown prehistoric
15He303	open habitation w/o mounds	unknown prehistoric
15He305	open habitation w/o mounds	Middle Woodland
15He307	open habitation w/o mounds	unknown prehistoric
15He331	open habitation w/o mounds	Early Archaic, Middle Archaic, Early Woodland, Middle Woodland
15He332	open habitation w/o mounds	unknown prehistoric
15He340	open habitation w/o mounds	Middle Woodland
15He341	open habitation w/o mounds	Early Archaic, Middle Archaic, Late Archaic, Early Woodland, Middle Woodland, Late Woodland, Mississippian
15He343	open habitation w/o mounds	unknown prehistoric
15He344	historic farm/residence	1901-1950
15He345	open habitation w/o mounds	unknown prehistoric
15He346	open habitation w/o mounds, historic farm/residence	unknown prehistoric, 1951-2000
15He347	open habitation w/o mounds, historic farm/residence	Late Archaic, Early Woodland, 1901-1950
15He347 revisit	open habitation w/o mounds, historic farm/residence	--
15He348	open habitation w/o mounds	Early Woodland, Late Woodland, Mississippian
15He349	historic farm/residence, cemetery	1901-1950
15He352	prehistoric isolated find	unknown prehistoric
15He353	open habitation w/o mounds, historic farm/residence	unknown prehistoric, 1901-1950
15He354	open habitation w/o mounds, historic farm/residence	Late Archaic, 1901-1950
15He355	open habitation w/o mounds	Middle Woodland
15He357	open habitation w/o mounds, historic farm/residence	unknown prehistoric, 1901-1950
15He358	open habitation w/o mounds	Early Archaic
15He359	open habitation w/o mounds, historic isolated find	Late Archaic, Middle Woodland
15He370	prehistoric isolated find	unknown prehistoric
15He382	open habitation w/o mounds	Early Archaic, Early Woodland, Middle Woodland, Late Woodland, Mississippian
15He383	open habitation w/o mounds, historic farm/residence	Middle Woodland, 1901-1950
15He384	open habitation w/o mounds	unknown prehistoric
15He385	prehistoric isolated find	unknown prehistoric
15He386	open habitation w/o mounds	unknown prehistoric
15He387	prehistoric isolated find	unknown prehistoric
15He388	indeterminate prehistoric	Late Woodland
15He389	historic farm/residence	unknown historic
15He390	open habitation w/o mounds, historic farm/residence	unknown prehistoric, 1901-1950
15He391	historic farm/residence	1901-1950
15He392	historic farm/residence	1901-1950
15He393	open habitation w/o mounds	unknown prehistoric
15He394	open habitation w/o mounds	unknown prehistoric

Site ID	Site Type	Cultural Affiliation
15He395	historic farm/residence	unknown historic
15He396	historic farm/residence	1901-1950
15He397	open habitation w/o mounds	Middle Archaic, Late Archaic, Early Woodland, Middle Woodland
15He398	open habitation w/o mounds	unknown prehistoric
15He399	indeterminate prehistoric, historic farm/residence	unknown prehistoric, 1901-1950
15He414	indeterminate prehistoric	unknown prehistoric
15He417	cemetery	1901-1950
15He429	prehistoric isolated find	unknown prehistoric
15He430	cemetery	1851-1900
15He478	open habitation w/o mounds	Late Woodland/Mississippian
15He830	historic farm/residence	1851-1950
15He947	historic farm/residence	1851-1950
15He948	historic farm/residence	1851-1950
15He949	open habitation w/o mounds	unknown prehistoric
15He972	historic farm/residence	1851-1950

Table 2. Summary of previous archaeological investigations within a 2 km radius of the Riverport property.

Reference	Lead Agency	Survey Requested by	Survey Request On Behalf Of	Purpose of Survey	Date of Survey	Size of Survey	Survey Methods	Results	Recommendations	NRHP Eligibility Recommendations
Bryant et al. 2007	not specified	Petersen Engineering, Inc.	-	proposed petroleum pipeline	April 2 - May 11, 2007 and June 1 - 15, 2007	22 km of 15 m wide ROW and 2.1 km of alternative alignments	surface inspection and systematic shovel testing (in April and May) and deep testing (in June)	one site in Indiana (12Po1272), 3 previously recorded sites in Kentucky (15He117, 15He347, and 15He495), 6 new sites in Kentucky (15He913 – He918) and four isolated finds	He117, He495, He913, and He915 – He917: reroutes were established and sites will not be affected He918: will be avoided by directional drilling under the site He347, He914: no further work	15He117, He495 (prehistoric component), He913 (prehistoric component), He917 – He918: potentially eligible He495 (historic component), He913 (historic component): not eligible He347, He914 – He916: not eligible
Bundy 2006	FHWA	KYTC (Item No. 2-79.00)	-	high probability areas along proposed Alternates 4, 5, and 6 for the U.S. 60 realignment project in Henderson and Union Counties, Kentucky	April 12 - 22, 2005	approx 108.76 ha (268.75 acres)	intensive pedestrian survey, screened shovel testing	5 new sites (15He887 - 15He891), 2 previously recorded sites (15He200 and 15He201), and 1 isolated find	15He201, 15He887 - 15He889 and 15He891: no further work 15He200 and 15He890: avoid or additional work	15He201, 15He887 - 15He889 and 15He891: not eligible 15He200 and 15He890: not assessed
Bundy and Creasman 2006	FHWA	KYTC (Item Numbers 2-79.00, 2-122.00, and 2-123.00)	-	an overview of previous archaeological investigations conducted as part of the U.S. 60 project and an assessment of archaeological potential for the unsurveyed portions of alternates under consideration	2004 - 2006	-	summary	Alternates for Item Numbers 2-122.00 and 2-123.00: no further work Alternates (3, 4, 5, 6, 4-6, and 5-6): will impact prehistoric and historic inventory sites (9 to 14 sites according to modeling) and are likely to impact sites that will require additional archaeological work (2 to 5 according to the modeling) Alternates 3, 4, 4-6, and 5-6: likely to impact the greatest number of sites requiring additional archaeological work (between 4 and 5) Alternates 5 and 6: likely to impact the fewest sites (n=9) and have the fewest sites (n=2) that are likely to require additional archaeological work	n/a	n/a
Carstens 2003	n/a (volunteered report)	Kenergy Energy Corporation	-	not required by the KY SHPO or any federal agency, but Kenergy wanted to go on record as having had their home property surveyed	On February 1, 2003	approx 2 ha (5 acres)	pedestrian survey, shovel testing	no sites found	no further work	n/a
Dickerson and Cupka Head 2014	Federal Highway Administration	Stantec Consulting Services, Inc.	-	proposed development of nine lots for industrial growth	January 15 - 29, 2014	approx 48.5 ha (120 acres)	screened shovel testing, intensive pedestrian survey, and bucket augering	One previously recorded site (15He478), and three new archaeological sites (15He947-15He949)	15He478 recommended for further work. Sites 15He947-15He949: no further work	15He478: not assessed. Sites 15He947-15He949: not eligible
Evans 1996	not specified	Steve Law, Environmental Compliance Manager of Texas Gas Transmission Corp.	-	proposed new section of pipe, work lot, and access road	May 23, 1996	approx .4 ha (1.0 acre)	pedestrian survey, shovel tests	no sites found	no further work	n/a
Harth and Cupka Head 2012	KIA (Kentucky Infrastructure Authority)	the Henderson Water Utility	-	a proposed pump station and sewer line improvements in the town of Henderson, Kentucky	On May 14, 2012	approx 12 ha (29 acres)	intensive pedestrian survey, screened shovel testing	1 previously recorded site (15He476) unable to be relocated 1 new site (15He946)	15He946: no further work	15He946: not eligible

Reference	LeadAgency	Survey Requested by	Survey Request On Behalf Of	Purpose of Survey	Date of Survey	Size of Survey	Survey Methods	Results	Recommendations	NRHP Eligibility Recommendations	
Moldenhauer and Creasman 2001	FHWA	Bill Morris of PDR Engineers, Inc.	KYTC	proposed upgrade of US 60	January 3 - 5, 2001	2.4 km (1.5 mi) corridor with a width of 22-30 m (75-100 ft)	pedestrian survey, shovel testing	two cemeteries, only one given a site number (15He864)	avoidance	eligible for listing	
Niquette 1986	US Army Corps of Engineers	Henderson Materials, Inc.	-	proposed barge loading and unloading facility for sand, stone, and gravel	On December 20, 1985	19 ha (48 acres)	six backhoe trenches excavated and profiled	potential for buried deposits low - no sites found	no further work	n/a	
Peyton in press	Federal Energy Regulatory Commission	Texas Gas Transmission, LLC.	-	proposed new section of pipeline between Robards, KY and Mount Vernon, IN	July 16 - September 16, 2014	approx 29.9 mile corridor	intensive pedestrian survey, screened shovel testing, bucket and mechanical augers, trenching	23 new archaeological sites (15He951-15He973), 9 previously recorded sites (15He60, 15He65, 15He115, 15He122, 15He375, 15He404, 15He500, 15He794, and 15He796), and 17 isolated finds (IFA1-IFA14, IFB1-IFB3)	15He951 and 15He952: Deep testing or avoidance. Remaining sites: no further work	15He951 and 15He952: Undetermined, Remaining sites: not eligible	
Richmond and Wingfield 1999	FHWA	Commonwealth Technology, Inc.	PDR Engineers, Inc.	the proposed US 60 upgrade from the Waverly Bypass to the Henderson Bypass in Union and Henderson Counties, Kentucky	October 20 - November 7, 1997 and January 11 - 12, 1999	approx 163.6 ha (409.1 ac)	intensive pedestrian survey, shovel testing	4 historic sites (15Un183, and 15He828 - 15He830)	15Un183: archival research 15He828 and 15He829: avoid or additional work 15He830: no further work	15He830: not eligible 15Un183, 15He828, and 15He829: not assessed	
Robinson 1982	not specified	Radian Corporation	-	proposed construction of the Tri-State Synfuels Plant	March - April of 1982	unknown acreage	pedestrian survey, shovel testing	226 sites (15He45, 15He49, 15He188 - 15He202, 15He238 - 15He417, and 15He419 - 15He447)	15He45, 15He49, 15He189, 15He200 - 15He202, 15He245, 15He256, 15He271, 15He276, 15He278, 15He280, 15He281, 15He284, 15He285, 15He308, 15He309, 15He314, 15He315, 15He321 - 15He323, 15He338, 15He340, 15He341, 15He343, 15He348, 15He361, 15He366, 15He371, 15He372, 15He378 - 15He380, 15He382, 15He393 - 15He400, 15He402, 15He404, 15He407, 15He412, 15He417, 15He422 - 15He424, 15He429, 15He430, and 15He443 - 15He445: need additional work 15He188, 15He190 - 15He199, 15He238 - 15He244, 15He246 - 15He255, 15He257 - 15He270, 15He272 - 15He275, 15He277, 15He279, 15He282, 15He286 - 15He307, 15He310 - 15He313, 15He316 - 15He320, 15He324 - 15He337, 15He339, 15He342, 15He344 - 15He347, 15He349 - 15He360, 15He362 - 15He365, 15He367 - 15He370, 15He373 - 15He377, 15He381, 15He383 - 15He392, 15He401, 15He403, 15He405, 15He406, 15He408 - 15He411, 15He413 - 15He416, 15He419 - 15He421, 15He425 - 15He428, 15He431 - 15He442, 15He446 and 15He447 15He283: not specified	not specified	not specified
Schock 1977	not specified	Henderson County Riverport Authority	-	proposed transit shed access road and wharf improvements for the Henderson Riverport	On September 11, 1977	unknown acreage	pedestrian survey, shovel testing, deep core tests	no sites found	no further work	n/a	
Schock 2008	KYTC	John Hampton of Phillips Construction, Inc.	-	soil borrow pit for US 60	On August 19, 2008	1.6 ha (4.0 acres)	pedestrian survey (topsoil and part of the subsoil had been removed in the past)	no sites found	no further work	n/a	

conducted at the request of Texas Gas Transmission, LLC. Field methods included intensive pedestrian survey supplemented with screened shovel testing. Bucket augering, mechanical augering, and trenches were also included in the field methods. Twenty-three new archaeological sites (15He951–15He973), 9 previously recorded sites (15He60, 15He65, 15He115, 15He122, 15He375, 15He404, 15He500, 15He794, and 15He796), and 17 isolated finds (IFA1–IFA14, IFB1–IFB3) were recorded as a result of this survey. One site (15He972) is located within the Riverport property.

Site 15He972 is a small, diffuse historic artifact scatter dating from the late nineteenth to early twentieth. The site was considered not eligible for NRHP listing, and no further work was recommended (Peyton in press).

Within the Riverport property, Perennial’s survey overlapped the surveys conducted by both Schock (1977) and Gray and Pape (Bryant et al. 2007). The northern portion of Schock’s survey was resurveyed by Perennial in 2014. Perennial also surveyed an agricultural field on the western half of the property, just west of the existing industrial facilities along Industrial Park Drive (see Figure 3). Perennial also surveyed the agricultural field located between KY 136, Riverport Road, and Industrial Park Drive. In addition, a small area just east of Schock’s survey area was included in Perennial’s survey (see Figure 3). In all, approximately 60.7 ha (149.97 acres) of the Riverport property has been previously surveyed by archaeologists.

Archaeological Site Data

According to available data, 932 archaeological sites have been recorded in Henderson County (Table 3). The site data indicate that the majority of archaeological sites recorded in Henderson County consist of open habitations without mounds (56.97 percent). Other site types in the county include cemeteries, earth mounds, historic farms/residences, industrial, isolated finds, mound complex, open habitation with mounds, other special activity areas,

rockshelter, stone mounds, workshops, others, and undetermined types.

Table 3. Summary of Information for Previously Recorded Sites in Henderson County. Data Obtained from OSA and May Contain Coding Errors.

Site Type:	N	%
Cemetery	25	2.68
Earth Mound	5	0.54
Historic Farm/Residence	207	22.21
Industrial	4	0.43
Isolated Find	51	5.47
Mound Complex	1	0.11
Open Habitation with Mounds	6	0.64
Open Habitation without Mounds	531	56.97
Other	41	4.4
Other Special Activity Area	3	0.32
Rockshelter	1	0.11
Stone Mound	2	0.21
Undetermined	52	5.58
Workshop	3	0.32
Total	932	100
Time Periods Represented	N	%
Paleoindian	10	0.82
Archaic	129	10.61
Woodland	185	15.21
Late Prehistoric	163	13.4
Indeterminate Prehistoric	384	31.58
Historic	345	28.37
Total	1216*	100

**One site may represent more than one time period.*

Map Data and Historic Structures

In addition to the file search, a review of available maps was initiated to help identify potential historic structures or historic archaeological site locations within the Riverport property. The following maps were reviewed:

1880 Atlas of Henderson County, Kentucky (D.J. Lake & Company 1880);

1916 Henderson, Kentucky-Indiana, 15-minute series topographic quadrangle (USGS 1916);

1937 Highway and Transportation Map of Henderson County, Kentucky (Kentucky Department of Highways [KDOH] 1937);

1950 General Highway Map of Henderson County, Kentucky (Kentucky State Highway Department [KSHD] 1950);

1952 Wilson, Kentucky-Indiana, 7.5-minute series topographic quadrangle (USGS 1952);

1959 Wilson, Kentucky-Indiana, 7.5-minute series topographic quadrangle (USGS 1959);

1981 (Revised 1993) Wilson, Kentucky-Indiana, 7.5-minute series topographic quadrangle (USGS 1981).

A review of the 1880 historical atlas of Henderson County reveals no structures within the Riverport property.

A review of the 1916 Henderson topographic quadrangle depicts at least 10 structures located within or immediately adjacent to the Riverport property. The majority of these structures appear to be located along the Old Geneva Road.

A review of the 1937 KDOH Highway and Transportation map of Henderson County depicts at least seven structures located within or immediately adjacent to the Riverport property, also all located along the Old Geneva Road. It appears that at least four of these structures were depicted on the earlier 1916 USGS map.

A review of the 1950 KSHD General Highway map of Henderson County depicts eight structures within or immediately adjacent to the Riverport property. These also appear to be located along the Old Geneva Road, and it is likely that the same four structures from both the 1916 USGS map and the 1937 Highway map are depicted on this map as well.

Eleven structures located within the 558.7-acre tract and one structure within the 43.1-acre tract are depicted on the 1952 Wilson, Kentucky-Indiana topographic quadrangle. All of the structures on the 558.7-acre tract have been demolished; the structure on the 43.1 acre tract remains. Twenty-eight buildings and structures are depicted on the 1981 (Photorevised 1993) Wilson, Kentucky-Indiana topographic quadrangle (Figures 4 and 5) within the property boundary of the 558.7-acre tract, and one structure is depicted within the boundary of the 43.1-acre tract. The 28 buildings on the 558.7-acre tract include 7 industrial buildings, 9 oil wells, and 12 residences and/or outbuildings. Six of the industrial buildings are less than 50 years of

age as they first appear on the 1993 map revisions; the other industrial building is no longer extant. Six of the nine oil wells are no longer extant, several having been replaced by recent construction. Ten of the 12 identified residential/agricultural structures have been demolished; only a Ranch house and outbuilding remain. These structures are located along the north side of KY 136 and first appeared on the 1959 Wilson, Kentucky-Indiana topographic quadrangle. The only structure located within the 43.1-acre tract is an industrial building located along the banks of the Ohio River.

In the vicinity of the Riverport property, there are 11 industrial buildings and structures located just east of the property boundary of the 558.7-acre tract and five residences and/or farmsteads located south and west of this property boundary that are depicted on the 1981 (Photorevised 1993) topographic quadrangle were also depicted on the 1959 Wilson, Kentucky-Indiana topographic quadrangle.

III. PREDICTIONS AND RECOMMENDATIONS

According to the OSA data, three previous archaeological surveys and one previously reported archaeological site (15He972) were located within the Riverport property. Site 15He972 was considered not eligible for the NRHP and no further archaeological work was recommended at this site. Approximately one-half of the 558.7-acre parcel of the property has been archaeologically surveyed (see Figure 3), but none of the 43.1-acre parcel has been previously surveyed.

Based on the records review data, and considering the property's close proximity to the Ohio River, there is a strong likelihood that prehistoric open habitation sites could be found in undisturbed portions of the property. Historic farmstead/residence sites are also likely. Disturbed areas, such as those occupied by existing industrial facilities, would have a

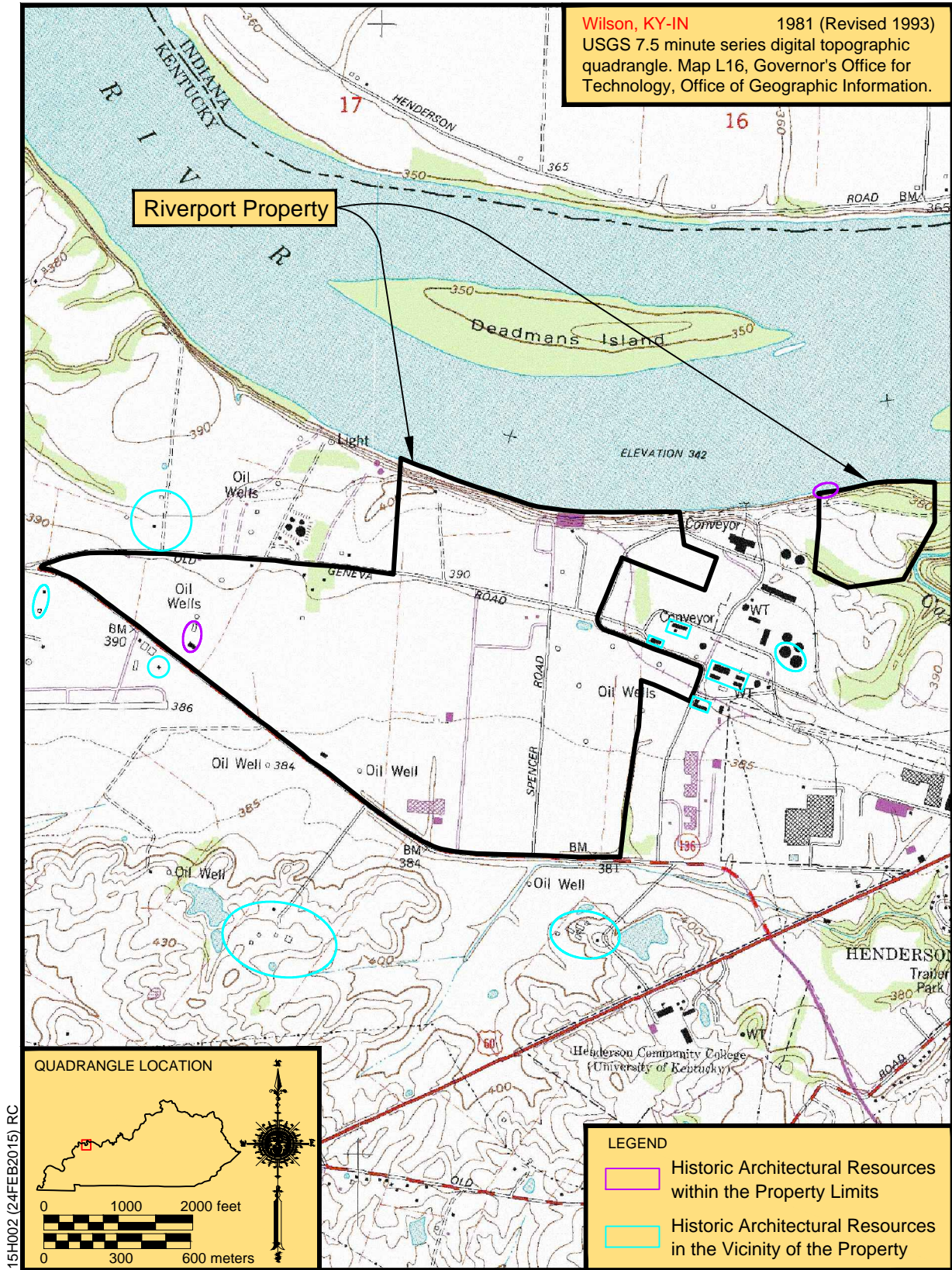
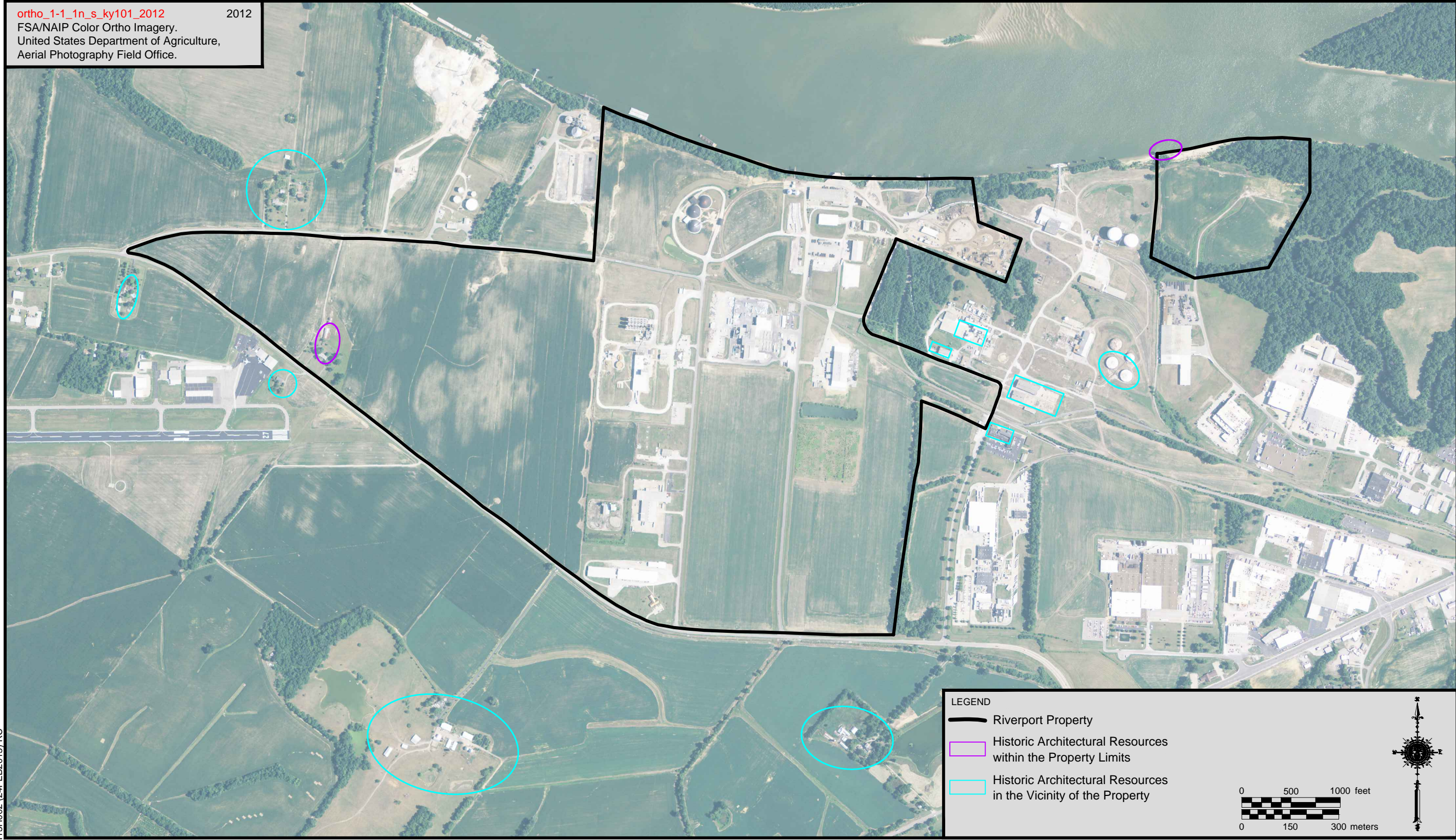


Figure 4: Topographic map depicting historic architectural resources within or near the Henderson Riverport property that appear on the 1959 topographic quadrangle.

ortho_1-1_1n_s_ky101_2012 2012
FSA/NAIP Color Ortho Imagery.
United States Department of Agriculture,
Aerial Photography Field Office.



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Figure 5: Aerial map depicting historic architectural resources within or near the Henderson Riverport property that appear on the 1959 topographic quadrangle.

much lower potential to contain intact archaeological sites.

According to the KHC data, no previously recorded historic architectural resources are located within the property. In addition, no previously completed cultural historic resource survey reports overlap the property. Based on the records review, a majority of the historic structures that appeared to be within the Riverport property on maps have all been demolished (compare Figure 4 with Figure 5). A Ranch style house and outbuilding more than 50 years old are located along the north side of KY 136 within the western tract. One historic structure remains within the eastern tract, along the bank of the Ohio River. Also, 11 historic industrial buildings and structures located just east of the property boundary of the 558.7-acre tract and 5 historic residences and/or farmsteads located south of the property may be within an area of potential effects and need evaluation depending upon any potential visual effects of possible future development. Depending on the size of future projects, additional historic architectural resources beyond the vicinity of the property may also need to be assessed for potential effects.

Should any undertaking that requires Federal funding or a federal permit occur on the property, a cultural resources survey would be required to comply with federal regulations concerning the impact of federal actions on archaeological sites and historic architectural resources listed in or eligible listing in the NRHP. These regulations include Section 106 of the National Historic Preservation Act of 1966 and the regulations published in the Code of federal Regulations at 36 CFR Part 800. The cultural resource survey would include an archaeological survey and a historical architectural survey of the area of potential effect of the undertaking. The purpose of these surveys would be to identify cultural resources that are eligible for the NRHP.

Areas that have been previously surveyed for archaeological resources by Gray and Pape in 2007 and Perennial in 2014 would not

require additional archaeological survey. However, considering the age of Schock's 1977 previous survey, the small portion of this survey area that was not resurveyed by Perennial would likely need to be surveyed again. The surveys would result in a cultural resource report that identifies known cultural resources and assesses the project's potential to directly or indirectly affect any such resources identified as eligible for listing in the NRHP.

IV. SUMMARY AND CONCLUSIONS

Between February 18 and 23, 2015, CRA personnel completed a cultural resources records review for the Henderson County, Kentucky Riverport in Henderson County, Kentucky, in advance of possible future development. The records review was conducted at the request of the Henderson County, Kentucky Riverport. The proposed property is located along the Ohio River just south of Deadmans and Henderson Islands, approximately 4.8 km (3.0 mi) southwest of Henderson, Kentucky. The property totaled approximately 243.6 ha (601.8 acres).

A records review was conducted at the KHC and the OSA. The review indicated that portions of the property had been previously surveyed, and one archaeological site (15He972) was recorded within the property. Site 15He972 is a small historic artifact scatter dating from the late nineteenth to early twentieth centuries that is not eligible for the NRHP. The KHC review indicated that there were no previously reported historic architectural resources on the property. However, should any future developments qualify as a federal undertaking subject to Section 106 review, a cultural resource survey would be required for to assess potential direct and indirect effects to cultural resources that are eligible for listing in the NRHP, should there be any.

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